

ACTIVE PROMINENCES AND FILAMENTS

AUGUST 2001

Day	Event Type	Start (UT)	End (UT)	Lat	CMD	CMP Mo	Day	Imp	Extent	Blue Shift (.1 A)	Red Shift (.1 A)	Obs Type	Sta	NOAA/USAF Reg#	Remarks
01	DSF	0917U	0031U	S11	E26	08	3.3		20	0	0	E	LEAR		
01	DSF	0917U	0031U	S30	W09	07	31.7		10	0	0	E	LEAR		
01	DSD	1010	1040	N06	E58	08	5.8	1	07	9	9	V	KHAR		
01	DSF	1653U	0528U	S11	E22	08	3.3		08	0	0	E	SVTO		
01	DSF	1653U	0528U	S21	E31	08	4.1		08	0	0	E	SVTO		
01	DSF	1653U	0528U	S35	W06	08	1.2		09	0	0	E	SVTO		
01	DSF	1653U	0528U	S46	E37	08	4.8		10	0	0	E	SVTO		
02	DSF	0014U	1347U	S46	E32	08	4.7		07	0	0	E	HOLL		
02	DSF	0939U	2353U	N29	E35	08	5.1		18	0	0	E	LEAR		
02	DSF	1649U	0603U	N41	E42	08	6.1		11	0	0	E	SVTO		
02	DSF	1652U	1115U	N45	E46	08	6.5		17	0	0	E	RAMY		
03	DSD	0830E	0840D	S20	W40	07	31.3	1	02	9	9	V	KHAR		
04	DSD	0930	1010D	S22	W56	07	31.1	1	02	7	9	V	KHAR		
04	DSD	0956	1010D	N22	E13	08	5.4	2	14	9	9	V	KHAR		
05	DSF	0029U	1339U	S05	W26	08	3.1	2	07	0	0	E	HOLL		
05	DSF	0209	0505	S44	W10	08	4.3	3	18	0	0	E	LEAR		
05	BSL	1002	1015	N11	W90	07	29.7	1	03	9	9	V	KHAR		
05	DSD	1044	1110	S12	W21	08	3.9	1	02	0	9	V	KHAR		
06	ADF	1040E	1055	S17	E08	08	7.0	1	03	3	9	V	KHAR		
07	DSD	0955E	1000	S17	W03	08	7.2	1	02	9	9	V	KHAR		
07	APR	1150	1206	S20	W90	07	31.6	1	04	9	9	V	KHAR		
08	APR	0900E	0940	S24	W90	08	1.4	1	05	9	9	V	KHAR		
08	APR	0926	1000	S14	W90	08	1.6	1	03	9	9	V	KHAR		
08	DSD	1045U	1110	N19	W41	08	5.3	1	08	3	9	V	KHAR		
08	ADF	1122	1150D	N23	W49	08	4.7	1	05	9	3	V	KHAR		
09	BSL	0913E	0915D	S19	W90	08	2.5	1	9			P	WROC		
09	SPY	1045	1101D	S14	W90	08	2.6	2	10			P	WROC		
09	DSF	1731U	0515U	S31	E35	08	12.5		10	0	0	E	SVTO		
09	EPL	1943E	2015	S30	E90	08	16.9			0	0	E	HOLL		
10	ADF	0950E	1015	S03	E15	08	11.5	1	04	9	9	V	KHAR		
10	ADF	1032	1108	S03	E12	08	11.3	1	04	9	9	V	KHAR		
10	BSL	1135	1212D	N21	E90	08	17.4	1	03	9	9	V	KHAR		
10	BSL	1152	1205	N20	E90	08	17.4	1	02	9	9	V	KHAR		
11	DSF	0542U	2325U	S29	E17	08	12.6	2	10	0	0	E	LEAR		
11	APR	0908E	0955	N19	W90	08	4.5	1	04	9	9	V	KHAR		
11	APR	0935U	0955	S18	W90	08	4.5	1	03	9	9	V	KHAR		
11	ADF	0956	1014	S08	E03	08	11.6	1	04	3	9	V	KHAR		
11	BSL	0958	1009	N20	W90	08	4.5	1	10	9	9	V	KHAR		
11	DSD	1019	1055	N17	W80	08	5.3	1	04	9	9	V	KHAR		
11	BSL	1035	1045	N14	W90	08	4.6	1	10	9	9	V	KHAR		
11	DSF	1559U	0508U	S21	E06	08	12.1		08	0	0	E	SVTO		
12	SPY	0920E	1010	N24	W90	08	5.4	2	25	9	9	V	KHAR		
12	APR	1010	1045	N32	E90	08	19.5	2	22	9	9	V	KHAR		
12	BSL	1020E	1040D	N28	E90	08	19.5	3		0	0	E	SVTO		
12	BSL	1102U	1118	N17	W90	08	5.6	1	05	9	9	V	KHAR		
12	APR	1115U	1135	N02	W90	08	5.7	1	08	9	9	V	KHAR		
14	EPL	0950E	1032	N38	E90	08	21.7	2	29			P	WROC		
14	BSL	0956E	1023	N40	E90	08	21.7			9	9	E	SVTO		
14	DSF	1754	2046	N37	E17	08	16.1	3	07	0	0	E	HOLL		Normal Emission 1/3
15	APR	0759E	1100	N20	E90	08	22.2	1	3			P	WROC		
16	APR	0821E	0952D	S54	W90	08	8.6	1	6			P	WROC		
17	DSF	1624U	1100U	N32	E31	08	20.1		16	0	0	E	SVTO		
17	DSF	1630U	1143U	N33	E29	08	20.0		09	0	0	E	RAMY		
18	APR	1220E	1238	S18	E90	08	25.4	1	07	9	9	V	KHAR		

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18	DSF	1715U	1111U	S20	W34	08	16.1		04	0	0	E	RAMY		
20	BSL	1058	1115	S18	W90	08	13.6	1	02	9	9	V	KHAR		
21	BSL	0900E	0920	S21	E90	08	28.3	1	07	9	9	V	KHAR		
21	BSL	1050	1122D	S16	E90	08	28.3			9	9	E	SVTO		
21	BSL	1053E	1124D	S13	E90	08	28.2			9	9	E	RAMY		
22	DSF	0858U	2336U	S15	W48	08	18.7		16	0	0	E	LEAR		
22	DSF	1631U	1659U	N27	W05	08	22.3		08	0	0	E	RAMY		
23	DSF	0045U	1340U	N27	W09	08	22.3	3	08	0	0	E	HOLL		
23	DSF	1340U	0000	N41	W40	08	20.3	3	12	0	0	E	HOLL		
23	DSF	1914U	1057U	N14	E08	08	24.4		11	0	0	E	RAMY		
24	EPL	0825E	0909	N13	E90	08	31.1	2	10			P	WROC		
24	ASR	0922E	1025D	N27	E90	08	31.4	1	6			P	WROC		
25	APR	0903E	1211D	N12	E90	09	1.1	1	6			P	WROC		
25	APR	0903E	1211D	N39	E90	09	1.7	1	4			P	WROC		
25	APR	0935E	1110D	S83	E90	09	2.8	1	11			P	WROC		
26	APR	0859E	1244D	N19	E90	09	2.2	1	6			P	WROC		
28	APR	0931E	1047D	S10	W90	08	21.6	1	6			P	WROC		
28	DSF	2136U	1724U	N02	E24	08	30.7	1	07	0	0	E	HOLL		
28	DSF	2359	0026	S15	E01	08	29.1	3	06	0	0	E	HOLL	9591	
30	DSF	0920U	2346U	N15	W26	08	28.4		07	0	0	E	LEAR		

ADF = Active Dark Filament
 AFS = Arch Filament System
 APR = Active Prominence
 ASR = Active Surge Region
 BSD = Bright Surge on Disk

BSL = Bright Surge on Limb
 CAP = CAP Prominence (Tandberg-Hanssen)
 CRN = Coronal Rain
 DSD = Dark Surge on Disk
 DSF = Disappearing Solar Filament

EPL = Eruptive Prominence on Limb
 LPS = Loops
 MDP = Mound Prominence
 SDF/DSF = Sudden Disappearing Filament
 SPY = Spray
 SSB = Solar Sector Boundary

For SOLAR SECTOR BOUNDARY REPORTS, the latitude field contains the Carrington longitude of the point where a neutral line crosses the solar equator. The comments field may contain the Carrington longitude and central meridian distance of two more intersection points.

The EXTENT field for limb events is the radial extent above the limb in hundredths of solar radius. For disk events this field contains the heliographic extent in whole degrees.

The remark "Bright Emission 1/3" indicates that bright emission was observed 1/3 of time.
 The remark "Normal Emission 1/3" indicates that normal emission was observed 1/3 of time.

Observation Type: C= Cinematographic, E= Electronic, P= Photographic, V= Visual.

ABST = Abastumani
 ATHN = Athens
 BUCA = Bucharest
 CATA = Catania

HOLL = Holloman
 KHAR = Kharkov
 LEAR = Learmonth
 PALE = Palehua

RAMY = Ramey
 SVTO = San Vito
 VORO = Voroshilov
 VALA = Valasske Mezirici
 WROC = Wroclaw

NOTE: The U.S. Air Force solar observing sites (HOLL, LEAR, RAMY, AND SVTO) have changed operational requirements and will only report the following: BSL, EPL, LPS, SPY, and DSF's.